L Number	Hits	Search Text	DB	Time stamp
-	31	(("5459601") or ("5355244") or ("5684618") or ("5233454") or	USPAT;	2003/06/14 14:45
		("5408095") or ("5475522") or ("5504613") or ("5426298") or	US-PGPUB	
		("6078419") or ("6198563") or ("6429956") or ("6462853") or		
		("6317246") or ("6417509") or ("6384949") or ("6185026") or		
		("6081386") or ("6069724") or ("6104522") or ("6188086") or		
		("6359717") or ("6347004") or ("6366384") or ("6348989") or		
		("6348988") or ("6233081") or ("6256133") or ("6288819") or		
		("6166842") or ("5999345") or ("6400391")).PN.		
-	50	(("5745277") or ("5005928") or ("5673136") or ("5751463") or	USPAT;	2003/06/14 15:38
		("5877883") or ("5883732") or ("4496209") or ("5812298") or	US-PGPUB	
		("6384951") or ("6324015") or ("4884697") or ("5327338") or		
		("6061080") or ("6092728") or ("4266847") or ("4921320") or		
		("5247383") or ("5337182") or ("5517330") or ("5619362") or		
		("5757533") or ("5768028") or ("5771062") or ("4274703") or		
		("4512625") or ("4585937") or ("4624528") or ("4786798") or		
		("4832429") or ("4836630") or ("4939356") or ("4955682") or		
		("4962982") or ("5015050") or ("5064261") or ("5029956") or		!
		("5208701") or ("5221986") or ("5223971") or ("5247385") or		
		("5280491") or ("5347121") or ("5365364") or ("5392149") or		
		("5408095") or ("5455708") or ("5475522") or ("5475524") or		
		("5479011") or ("5486694")).PN.		
-	44	atsuumi.in.	USPAT;	2003/06/15 12:00
			US-PGPUB	
· <b>-</b>	40	("5233454"   "5270851"   "5355244"   "5408095"   "5426298"	USPAT	2003/06/14 15:51
		"5459601"   "5475522"   "5504613"   "5546216"   "5557448"		
		"5570224"   "5581392"   "5633744"   "5652670"   "5684618"		
		"5717511"   "5753907"   "5786594"   "5793408"   "5815301"		
		"5875051"   "5936756"   "5986791"   "5999345"   "6052211"		
		"6069724"   "6078419"   "6081386"   "6091534"   "6104522"		
		"6141133"   "6185026"   "6198562"   "6198563"   "6222662"		
		"6229638"   "6233081"   "6256133"   "6347004"   "6359717").PN.		
-	0	6509995.URPN.	USPAT	2003/06/14 16:01
-	18	5270851.URPN.	USPAT	2003/06/14 16:46
-	13	("5475522"   "5546216"   "5684618"   "5717511"   "5737112"	USPAT	2003/06/14 17:53
		"5805199"   "5831758"   "5875051"   "5970034"   "5986791"		
		"5999345"   "6069723"   "6078419").PN.		
-	424	(359/196).CCLS.	USPAT;	2003/06/14 19:00
			US-PGPUB	
-	34714	anamorphic or conic or toric or toroidal or aspheric	USPAT;	2003/06/14 18:32
!			US-PGPUB	
·	73	((359/196).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:00
		aspheric)	US-PGPUB	
-	439	(359/205).CCLS.	USPAT;	2003/06/14 19:21
			US-PGPUB	
-	230	((359/205).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:22
		aspheric)	US-PGPUB	
-	324801	(resin or plastic) and glass	USPAT;	2003/06/14 19:01
	·		US-PGPUB	1
-	83	(((359/205).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:22
		aspheric)) and ((resin or plastic) and glass)	US-PGPUB	
-	198	(359/207).CCLS.	USPAT;	2003/06/14 19:27
			US-PGPUB	
-	177	((359/207).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:28
		aspheric)	US-PGPUB	
_	65	(((359/207).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:28
		aspheric)) and ((resin or plastic) and glass)	US-PGPUB	
_	22	((((359/207).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:28
		aspheric)) and ((resin or plastic) and glass)) not ((((359/196).CCLS.)	US-PGPUB	
		and (anamorphic or conic or toric or toroidal or aspheric)) or		
		((((359/205).CCLS.) and (anamorphic or conic or toric or toroidal or		
	ı	aspheric)) and ((resin or plastic) and glass)))	1	1

	507	(250/010) 001.0	TIODAT	2002/06/14 10 20
-	597	(359/212).CCLS.	USPAT;	2003/06/14 19:29
			US-PGPUB	
-	114	((359/212).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:29
		aspheric)	US-PGPUB	
-	35	(((359/212).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:30
		aspheric)) and ((resin or plastic) and glass)	US-PGPUB	
-	11	(((((359/212).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:30
		aspheric)) and ((resin or plastic) and glass)) not ((((359/196).CCLS.)	US-PGPUB	
		and (anamorphic or conic or toric or toroidal or aspheric)) or		
ł		(((((359/205).CCLS.) and (anamorphic or conic or toric or toroidal or		
	}	aspheric)) and ((resin or plastic) and glass)) or ((((359/207).CCLS.) and		İ
		(anamorphic or conic or toric or toroidal or aspheric)) and ((resin or		}
		plastic) and glass)))		
_	793	(359/216).CCLS.	USPAT:	2003/06/14 19:29
	,,,,	(337210).0025.	US-PGPUB	2000,00,1.17.27
	273	((359/216).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT;	2003/06/14 19:30
_	2,3	aspheric)	US-PGPUB	2003/00/11 17/20
	93	(((359/216).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT:	2003/06/14 19:30
-	, ,,	aspheric)) and ((resin or plastic) and glass)	US-PGPUB	2005/00/11 15:50
	20	((((359/216).CCLS.) and (anamorphic or conic or toric or toroidal or	USPAT:	2003/06/14 19:30
-	20	aspheric)) and ((resin or plastic) and glass)) not ((((359/196).CCLS.)	US-PGPUB	2003/00/14 17:30
		and (anamorphic or conic or toric or toroidal or aspheric)) or	03-1 OI OD	1
		((((359/205).CCLS.)) and (anamorphic or conic or toric or toroidal or	}	
		aspheric)) and ((resin or plastic) and glass)) or ((((359/207).CCLS.) and		
		(anamorphic or conic or toric or toroidal or aspheric)) and ((resin or		
		plastic) and glass)) or ((((359/212).CCLS.) and (anamorphic or conic or		
		toric or toroidal or aspheric)) and ((resin or plastic) and glass)))		
-	1	("5025268").PN.	USPAT;	2003/06/15 12:01
			US-PGPUB	

## 10047092 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 10047092 on September 12, 2002

## 8 359/205 6 359/206 4 359/208 3 359/216 2 250/235 2 250/236 2 359/197 2 359/207 2 359/217 2 359/662 Cross-Reference Classifications 10 359/206 8 359/216 7 359/212 6 359/217 6 359/662 5 359/196 5 359/205 4 347/259 4 359/218 3 235/462.35 3 359/208 2 235/462.23 2 250/236 2 250/568 2 347/256 2 359/197 2 359/204 Combined Classifications 16 359/206 13 359/205 11 359/216 8 359/212 359/217 359/662 7 359/208 6 359/196 5 359/218 4 250/236 4 347/259 4 359/197

Original Classifications

## 10047092\_CLS

- 3 235/462.35
- 3 250/235
- 3 359/207
- 2 235/462.23
- 2 250/568 2 347/256
- 2 359/204

the	127
of	59
in	35
scanning	35
and	32
to	29
optics	25
with	23
lens	17
an	16
is	16
resin	16
beam	15
curvature	15
optical	15
surface	15
direction	13
field	13
invention	12
variation	12
device	11
power	10
above	9
has	9
light	9
main	9
present	9
spot	9
diameter	8
image	8
method	8
which	8
as	7
for	7
subscannin	7
apparatus	6
at	6
correcting	6
figs	6
forming	6
includes	6
negative	6
small	6
that	6
aberration	5
cylindrical	5
formed	5
from	5 5
temperatur therefore	5 5
	5 5
using	5

wavefront	5
arcuate	4
	4
are	
corrects	4
deflector	4
element	4
embodime	4
focusing	4
form	4
including	4
it	• 4
lenses	4
no	4
non	4
on	4
provide	4
•	
second	4
this	4
also	3
ascribable	3 3 3 3 3 3 3 3 3 3 3 3
aspect	3
auxiliary	3
demonstra	3
	2
description	3
desirable	3
document	3
elements	3
environme	3
example	3
first	3
function	2
	3
further	3 3 3 3
having	3
however	3
illustrative	3
implement	3
least	3
object	3
one	2
opposite	3
or	3
other	3
patent	3
radius	3 3 3 3 3 3 3 3 3 3 3 3 3
source	3
such	3
thereby	3
third	9
	3
toward	3
varying	3
accuracy	2

achievable	2
advantage	2
art	2 2
aspherical	2
assemble	2
background	2
be	2
between	2
but	2
by	2
concave	2
condenses	2 2 2 2
corrected	2
correction	2
desirably	2
difficult	2
directions	2
drawings	2
due	2
effectively	2
embodime	2
embodying	2
faces	2
fact	2
fig	2 2 2
geometric	2
have	2 2 2 2 2 2
how	2
images	2
included	2
japanese	2
limits	2
line	2
machine	2
mm	2
more	2
must	2
only	2
output	2
position	2
reduces	2
reducing	2
reflection	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
showing ·	2
shown	2
single	2
taught	2
through	2
about	1
abstract	1

acceptable

accompany	1
accordance	1
addition	1
adjoin	1
all	1
allows	1
among	1
another	1
apparatuse	1
apparent	1
applied	1
ary	1
assigned	1
assigning	1
attention	1
attractive	1
axis	1
because	1
become	1
both	1
brief	1
can	1
canceling	1
canning	1
cannot	1
capable	1
characteris	1
condensed	1
configurati	1
contrast	1
copiers	1
correct	1
cost	1
coupled	1
coupling	1
critically	1
current	1
defective	1
deflected	1
deflecting	1
demonstra	1
density	1
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design	1
desription	1
detailed	1
digital	1
directed	1
directly	1
disclosed	1
discloses	1

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effects	1
elongate	1
essentially	1
examples	1
factors	1
failing	1
features	1
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focusingele	1
following	1
follows	1
fori	1
formation	1
formedofgl	1
former	1
freedom	1
glass	1
hand	1
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high humidity	1
identical	1
ii	1
	1
iing	
implement	1
implement	1
increase	1
increasing	1
index	1
intervening	1
into	1
issuing	1
laid	1
laser	1
lathrough	1
latter	1
leastone	1
level	1
little	1
low	1
mainly	1
many	1
maximum	1
mentioned	1
moreover	1
not	1
objects	1
occur .	1
occurring	1
open	1

optically	1
path	1
paying	1
photocondu	1
positioned	1
positive	1
preferred	i
prevent	i
printers	1
problem	i
proposes	1
• •	i
publication	1
referring	
refractive	1
relates	1
requires	1
respect	1
result	1
resulting	1
same	1
sane	1
sb	1
scanned	1
section	1
shape	1
sophisticat	1
stable	1
strong	1
su	1
subs	1
substantial	· 1
symmetrica	1
taken	1
teaches	1
than	1
	1
they	
translates	1
transmitted	1
trend	1
TRUE	1
use	1
uses	1
varies	1
vary	1
view	1
views	1
wave	1
weak	1
where	1
will	1